Application No. 10/712,016
Reply to Final Office Action mailed on January 30, 2007



Amendments to the Claims:

The listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claim 1 (currently amended) An inside vehicle lift for transferring a load through a rear door opening of a vehicle comprising:

a load platform for receiving the load, the load platform being horizontally movable between a loading position with the load platform being disposed behind a rear bumper of the vehicle and a transport position inside the vehicle;

a base for being attached inside the vehicle to a vehicle floor such that a rear end of the base is located in proximity to the rear door opening;

a lift unit comprising a lift support base and a left hand side and a right hand side lift actuator, the lift support base for supporting the load platform when disposed outside the vehicle, the lift support base being mechanically connected at a left hand side and at a right hand side to the left hand side lift actuator and the right hand side lift actuator, respectively, such that the lift support base is oriented substantially perpendicular to a longitudinal axis of each of the left and the right hand side lift actuator, the lift actuators for moving the lift support base with the load platform substantially straight in a substantially vertical direction between a first vertical position with the load platform being in close proximity to ground and a second vertical position suitable for horizontally moving the load platform into the vehicle; and;

a left hand side gear mechanism movably attached to a left hand side of the base and the left hand side lift actuator and a right hand side gear mechanism movably attached to a right hand side of the base and the right hand side lift actuator, respectively, the left hand side gear mechanism and the right hand side gear mechanism for providing translational and rotational movement of the lift unit through the rear door opening of the vehicle between a first position inside the vehicle with the lift support base being disposed in proximity to the rear door opening and oriented substantially vertical and a second